CML Team

Proposal for Cooperation

- **Company Overview**

- **Software Development Services**

- **Portfolio**

- **How Do We Work**

Quick Facts

- A team of **senior experts**

- Hackathon **winners**

- Working **experience** of the average developer is **5+ years**

- **100%** of tech staff has **MCA** in Applied Math and Computer Science

- **Most** of our clients choose us for **long-term** projects

- **End-to-end** software development **services** for both **IT** and **non-IT** ventures and entrepreneurs.

Technical Competence Areas

Backend: Java (8–11), Spring Boot, Spring Framework, Node.js, Hibernate

Frontend: ReactJS, Vue.js, Angular, JavaScript, HTML5, CSS3

Mobile: React.Native, Flutter

Database: MySQL, PostgreSQL, Oracle, MSSQL, MongoDB, Redshift, Firebase

Infrastructure: Tomcat, Weblogic, Glassfish, Apache HTTP Server

Blockchain: Ethereum, Solidity, Smart Contracts, including ERC20, ERC721, C++, Oraclize

Cloud Platforms: Amazon Web Services, Google Cloud Platform, Microsoft Azure, Heroku

DevOps: Docker, Ansible, Rundeck

Monitoring: ELK (Elasticsearch, Logstash, Kibana), Newrelic, Prometheus

Build: Gradle, Maven

IDE: Intellij Idea, Eclipse, WebStorm, DataGrip

APIs: Spotify, Twilio, Google Maps, IBM Watson, Microsoft Cognitive Services, Amazon Alexa, Eventful, Micros Opera PMS, HotSos, Telegram, Facebook

Founders

Vladislav Sikach
Has extensive **business development** and quantitative analytics experience from Head of Process Development in one of CIS's leaders in debt collection to Business Architect in large Asian bank.

Oleksandr Shchetynin
Worked in companies of different sizes, from successful startups to Fortune 500 companies, performing **mission-critical responsibilities**, developing and implementing high-tech **IT solutions**.

Volodymyr Gubarkov
Focused primarily on **backend development** and **infrastructure setup**. Possesses solid object oriented systems design and implementation, system architectures development experience.

Basil Gorin
Focused primarily on **smart contracts** development, **payments** processing and **security**. Has strong experience with e-commerce software development and distributed storage systems.
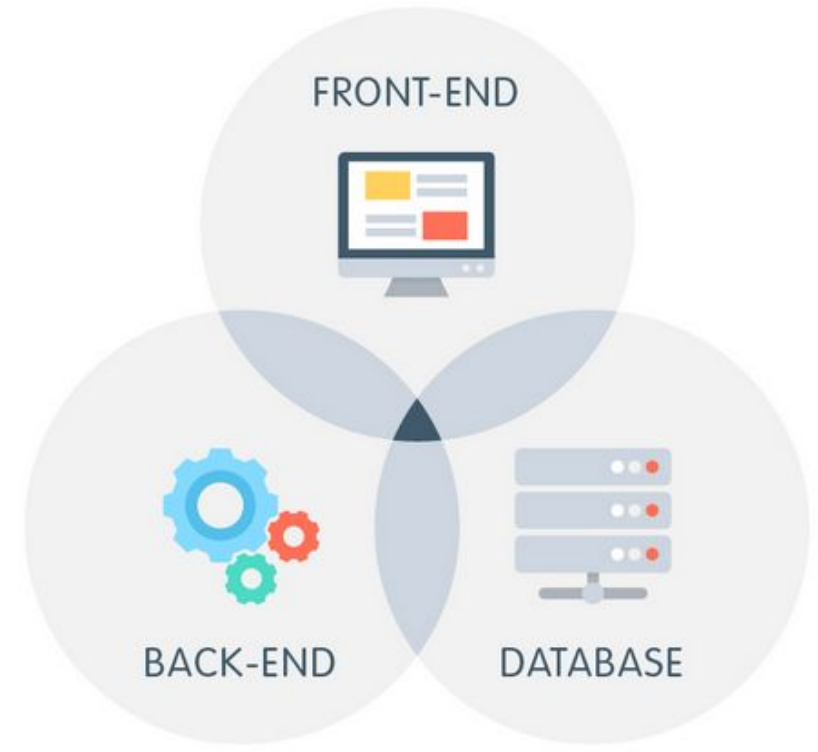
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Full Stack Development

- Java and ReactJS, Node.js and Vue.js

- Holistic development of web applications

- Custom Agile Development

- REST API Development

- Test Driven Development

- Continuous Integration

- Use of the modern coding languages, cloud infrastructures, and database platforms
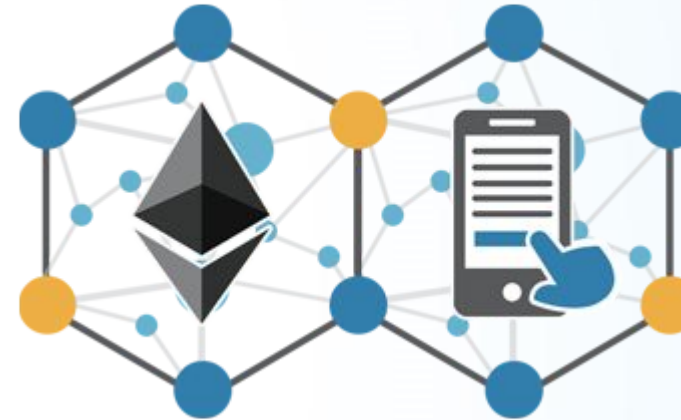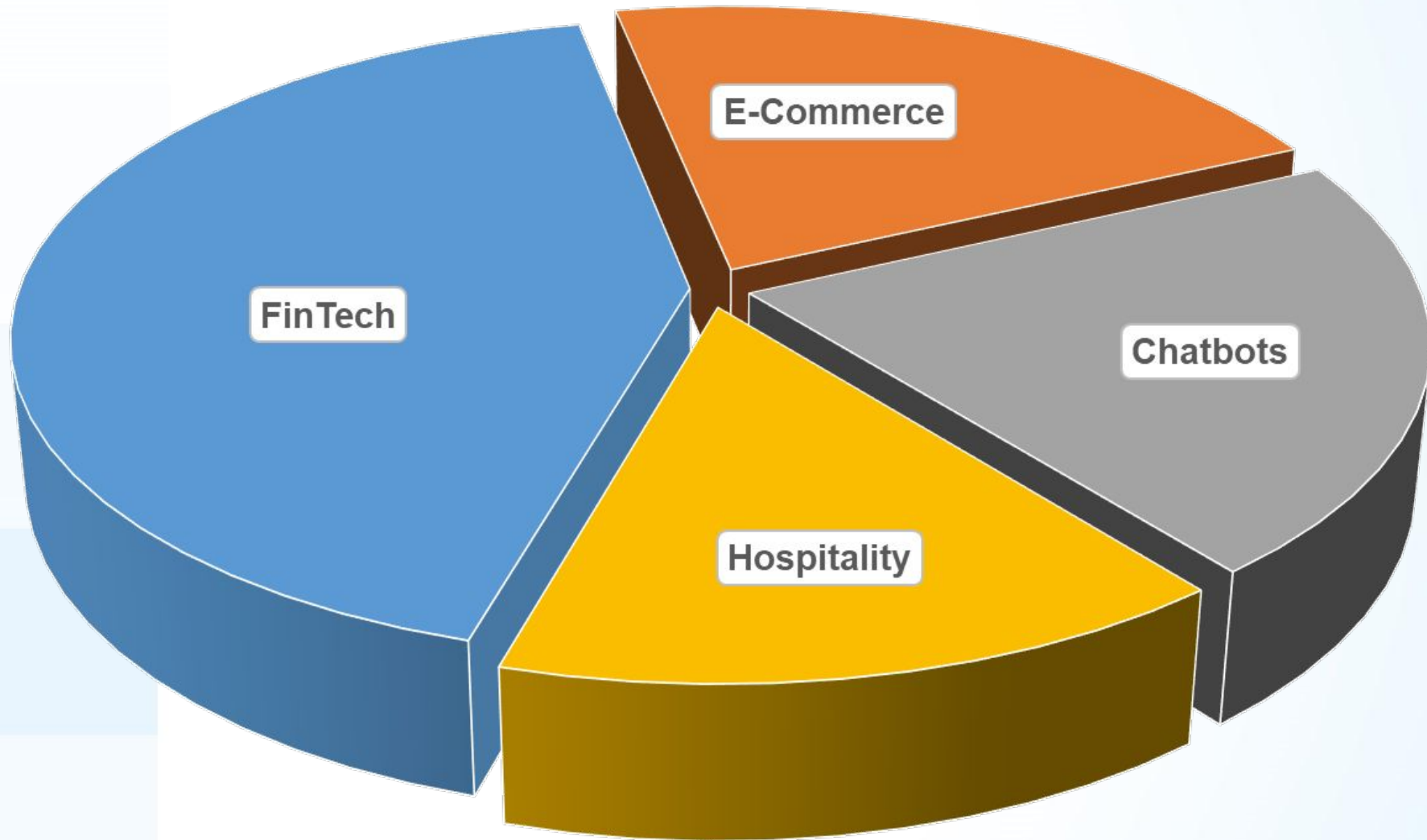
FRONT-END

BACK-END

DATABASE

- Smart contracts design, development, audit

- Supply Chains, Wallets Protection

- Private Blockchains

- Cryptocurrency development

- Crowdsales process organization

- POC Development

- Hyperledger

- Secure and reliable solutions

- Consulting

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Business Domain Expertise

Featured Products

Tax Report Management Platform for Crypto Assets

Challenge

Build a B2C web solution ([Cryptotax](#)) that will ease the process of tax reports for crypto asset holders and traders.

Solution

In a matter of few months CML Team provides the Client with a full-functional backend engine, smoothly integrated with rich front-end endpoints. Implemented features include tax report fees calculation for different operations (trades, deposits, withdrawals) as well as coverage of the most frequent crypto assets use cases (stacking, lending, ICO, hard-fork). Application smoothly went live and CML Team continues developing new features for the client as well as maintaining production application and infrastructure.

Featured Products

Back-office Application for Stock Exchange Trading Platform

Challenge

Implement an administrative web-application for all the backend systems for the new German Stock Exchange Trading platform.

Solution

CML Team participated in implementing the full scope of the project including server side (based on NodeJS) and client frontend (based on VueJS) as well as integrating with all the backend systems (through REST APIs, Websockets, RabbitMQ, etc).
We worked closely with other developers on client side to provide seamless integration with all the subsystems.
We delivered many new features to the application in accordance with very dynamically changing business requirements.

Financial Reporting Application for CFO

Challenge

Full Stack development with extensive usage of Google Drive API and Google Sheets Add-on development.

Solution

CML Team delivered a full-fledged [Financial Tool](#) for CFOs and managers from different verticals of the companies (HR, accounting, etc.).
Using web-app with reach UI CFOs can easily adjust permission levels of various managers to different parts of the data. Each manager can submit changes to the business case using Google Sheets Add-on developed by CML Team. CFO can accept or reject the changes, and rollback to any revision of the business case in past.

Featured Products

ICO

Challenge

Provide technical implementation for the ICO held by our client Nagritech (Nagricoin): Smart contracts design and development, backend design and development, dev ops, maintenance, technical and production support.

Solution

We implemented:
● A set of securely deployed server modules including web part built with PHP/Laravel, Blockchain integration module built with Java/Spring, Ethereum node module.
● A set of smart contracts (Solidity) for the ICO Token and Crowdsale.
● Multisig Wallet smart contract to help our client securely collect funds.
We deployed all modules to AWS and provided technical maintenance and support during the ICO.

Featured Products

Platform for Managing Entertainment Events in Dubai

Challenge

Dubai locals and expats in order to find an interesting nightlife event have to spend significant amounts of time searching for upcoming parties in many sources (several websites and Facebook Events search which do not fully overlap).

Solution

The provided solution allows to gather events from all sources in one place. It performs automatic event addition/update/deactivation/deduplication as well as manual editing/adding by event manager.
Users enjoy the event selection process in one place - Facebook Messenger. FB Chatbot (PartyBunny) we've built provides a list of events with special offers, detailed description, source links, geo-location and allows to call the venue right away.

Featured Products
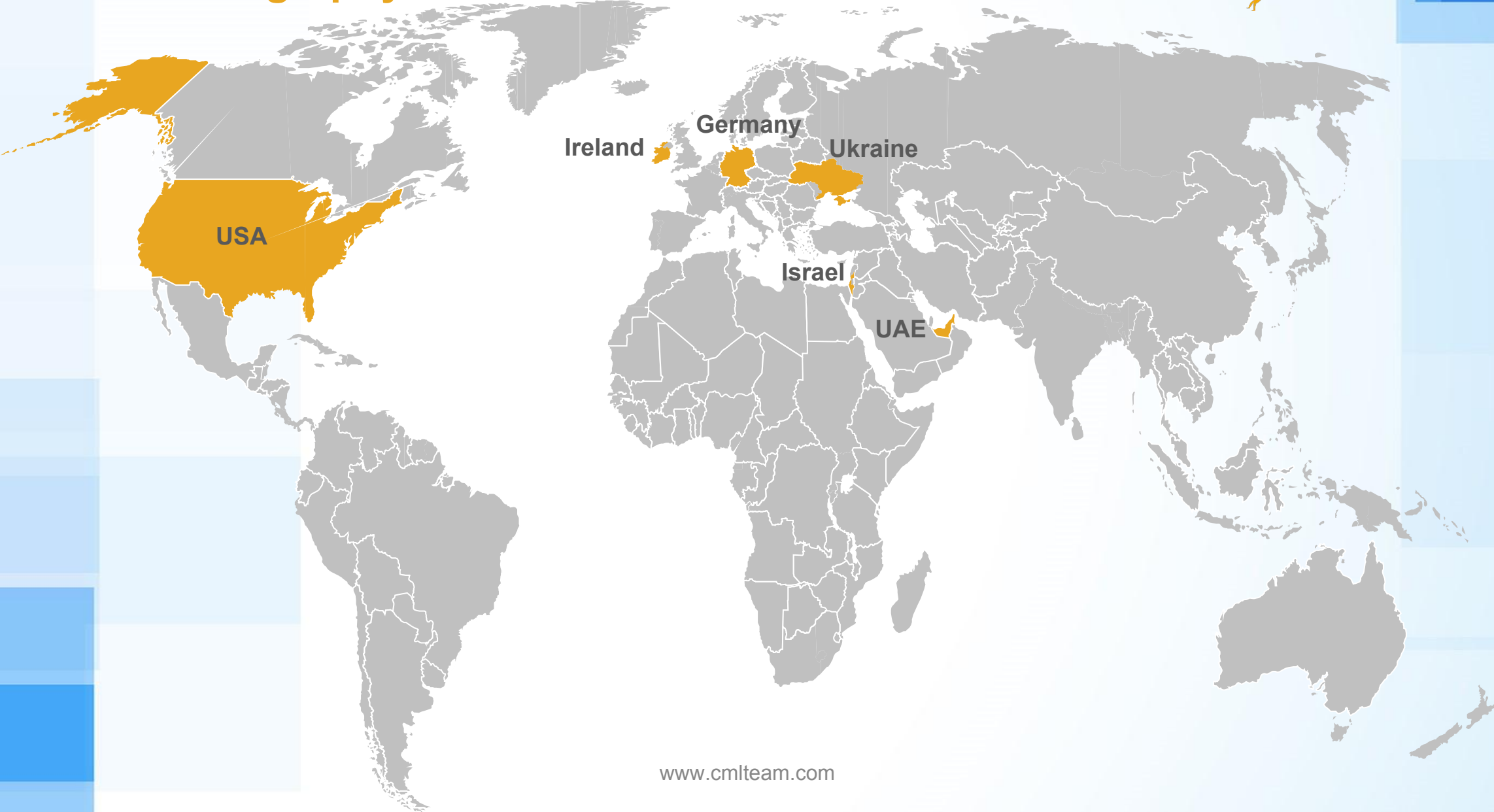
Gaming Distributed Application

Challenge

Architecture and technical implementation for the Ethereum based gaming distributed application (Cryptominer World) held by our client.

Solution

We have designed, implemented, tested and deployed a set of smart contracts on Ethereum Blockchain, integrated then with the dApp Web frontend.
The core of the solution is a ERC721 token, representing in game assets. Auxiliary smart contracts include sales, auctions, marketplace.
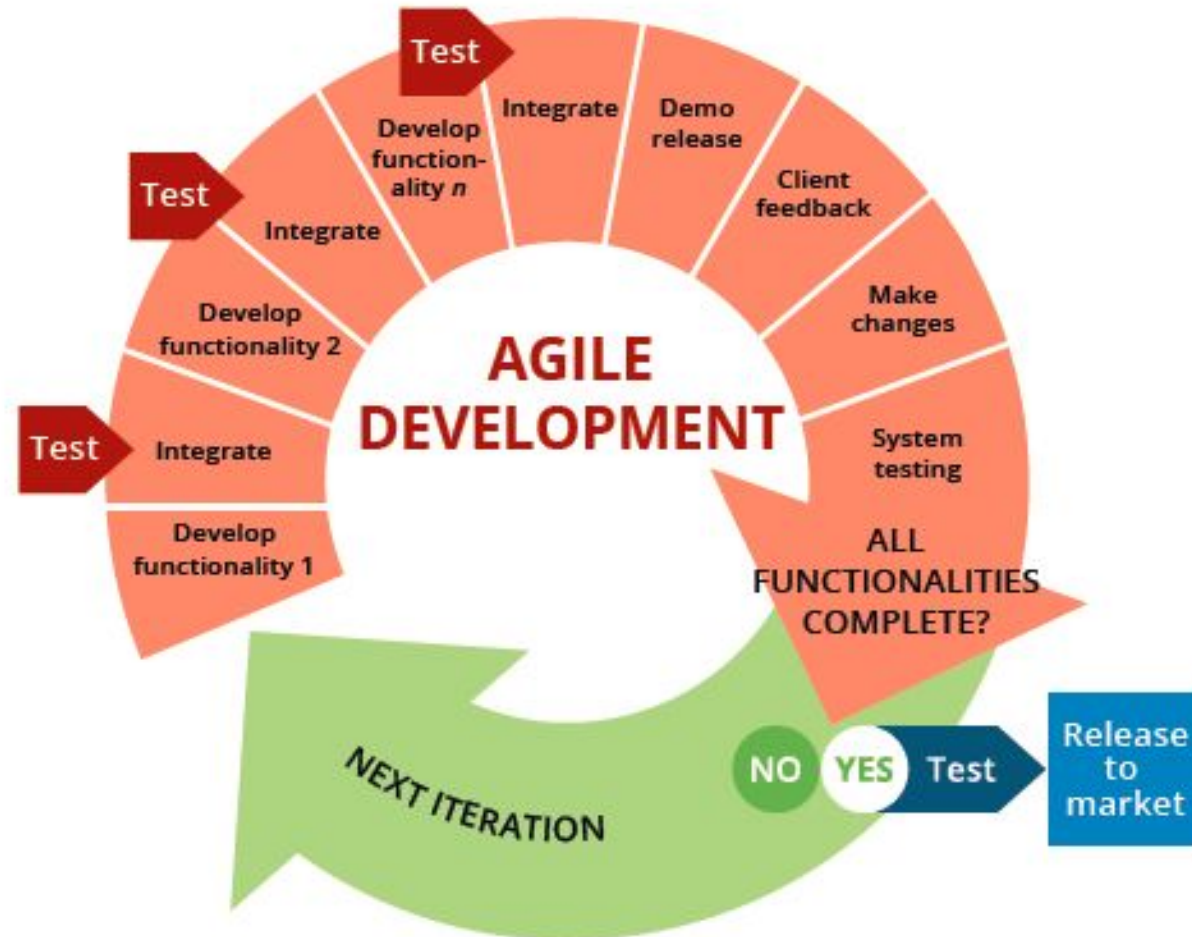
Customers Geography

USA

Ireland

Germany

Ukraine

Israel

UAE

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AGILE

- Based on continuous iterations each having its own Design, Development, and Testing Cycle, our Agile process enables to deliver you solutions faster, with less need for detailed documentation, i.e. for less investment costs and with shorter time-to-market.

Pricing Models

TIME & MATERIAL

- Enormous flexibility and control over your budget, enabling to manage and change the development process on the go.
- Good for: projects with few or many unknowns and having flexible project scope or for the projects in their maintenance phases.

DEDICATED TEAM

- Extension of your own team, it gives maximum control but requires more involvement into project management from the customer's part.
- Good for: projects which are constantly innovating and developing and having own project management staff.

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Project Management Tools

Task Management & Bug Tracking

- Jira
- Trello
- Confluence

Continuous Integration

- Jenkins
- Bamboo
- Travis CI
- Git
- GitHub

Communication

- Slack
- Telegram
- Skype
- Hangouts
- Emails
- Google Drive

Value Proposition

CONFIDENCE

We use only cutting-edge technologies to develop best-in-class solutions for our customers. The use, for instance, of the wide-spread and efficient Java, Spring Boot, ReactJS enables us to create scalable solutions which can be easily adapted to customers' emerging needs.

RESPONSIBILITY

Driven by the passion our software developers deliver the enormous volume of code, yet producing it of the highest quality and on time.

REASONABLE PRICING

We neither overestimate nor underestimate our skills and experience, our customers always get quality-proven software development services valued for the money they invested.

NO BUREAUCRACY

Our compact well-balanced team applies best efforts to eradicate bureaucracy to the ground concentrating all the attention on efficient and productive customer-oriented solutions instead.

Let's have a call!

CML Team LTD

- Suite 6, 5 Percy Street, London, Fitzrovia, United Kingdom, W1T 1DG
- Mala Zhytomyrska str., 3, Kyiv, Ukraine, 01001

Web: www.cmlteam.com

Email: info@cmlteam.com

Skype: [vladislav.sikach](#)